



1/13

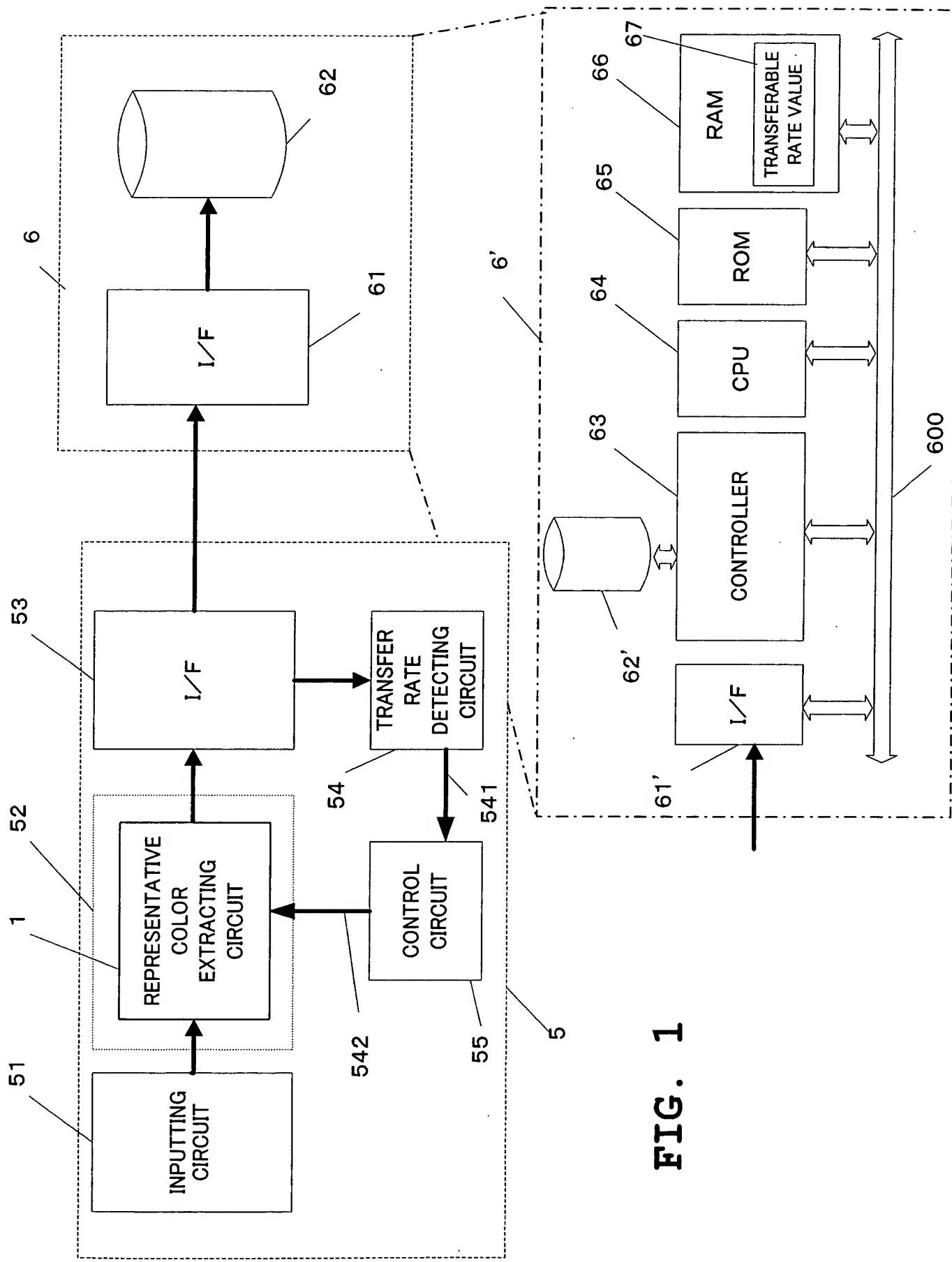


FIG. 1

FIG. 2

CONTROL PARAMETER			
SETTING MODE	COMPRESSION RATIO	SIZE OF SMALL REGION	APPROXIMATE COLOR NUMBER
1	1/6	4X4	2
2	1/3	4X4	4
3	1/4	8X8	8
4	1/6. 4	16X16	8

FIG. 3

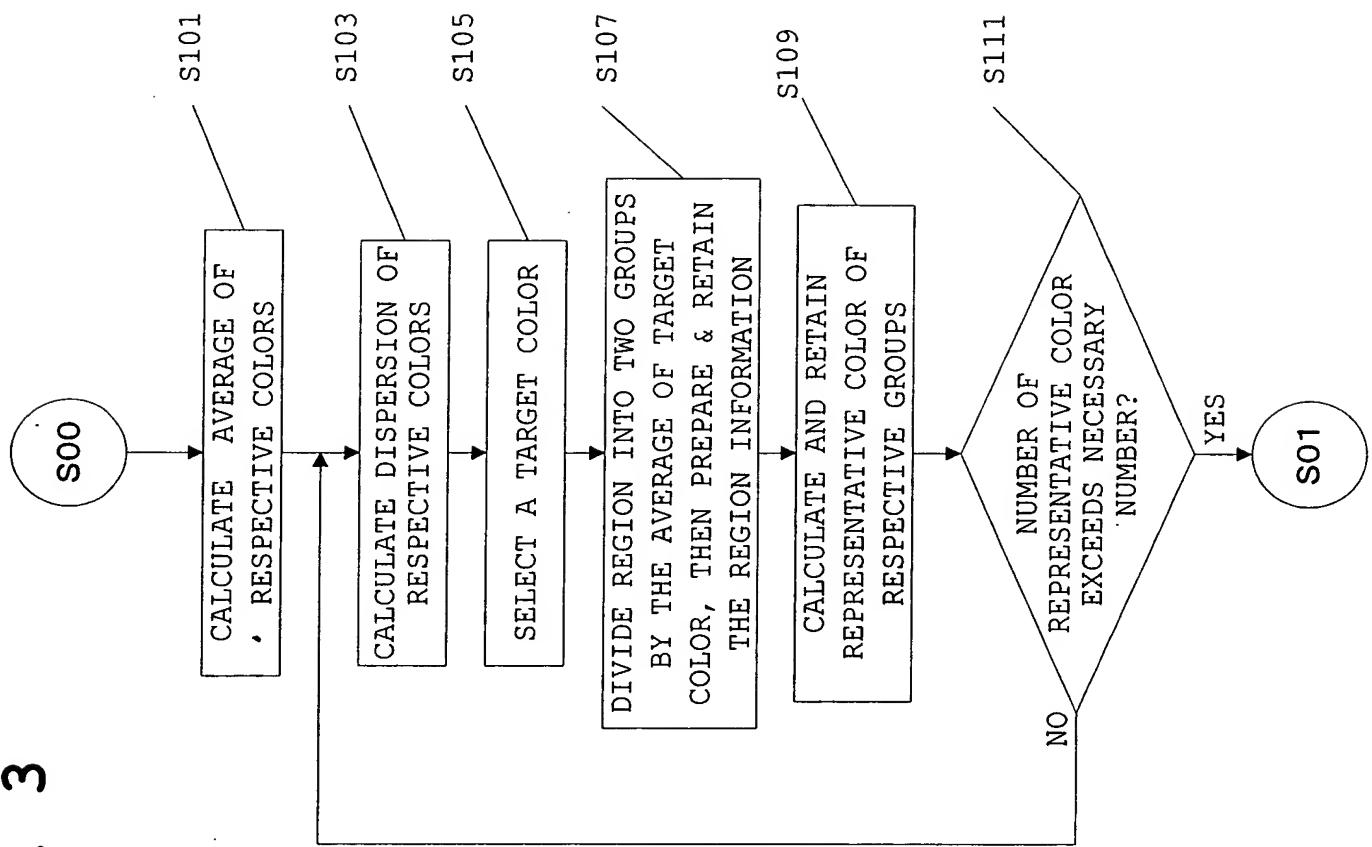
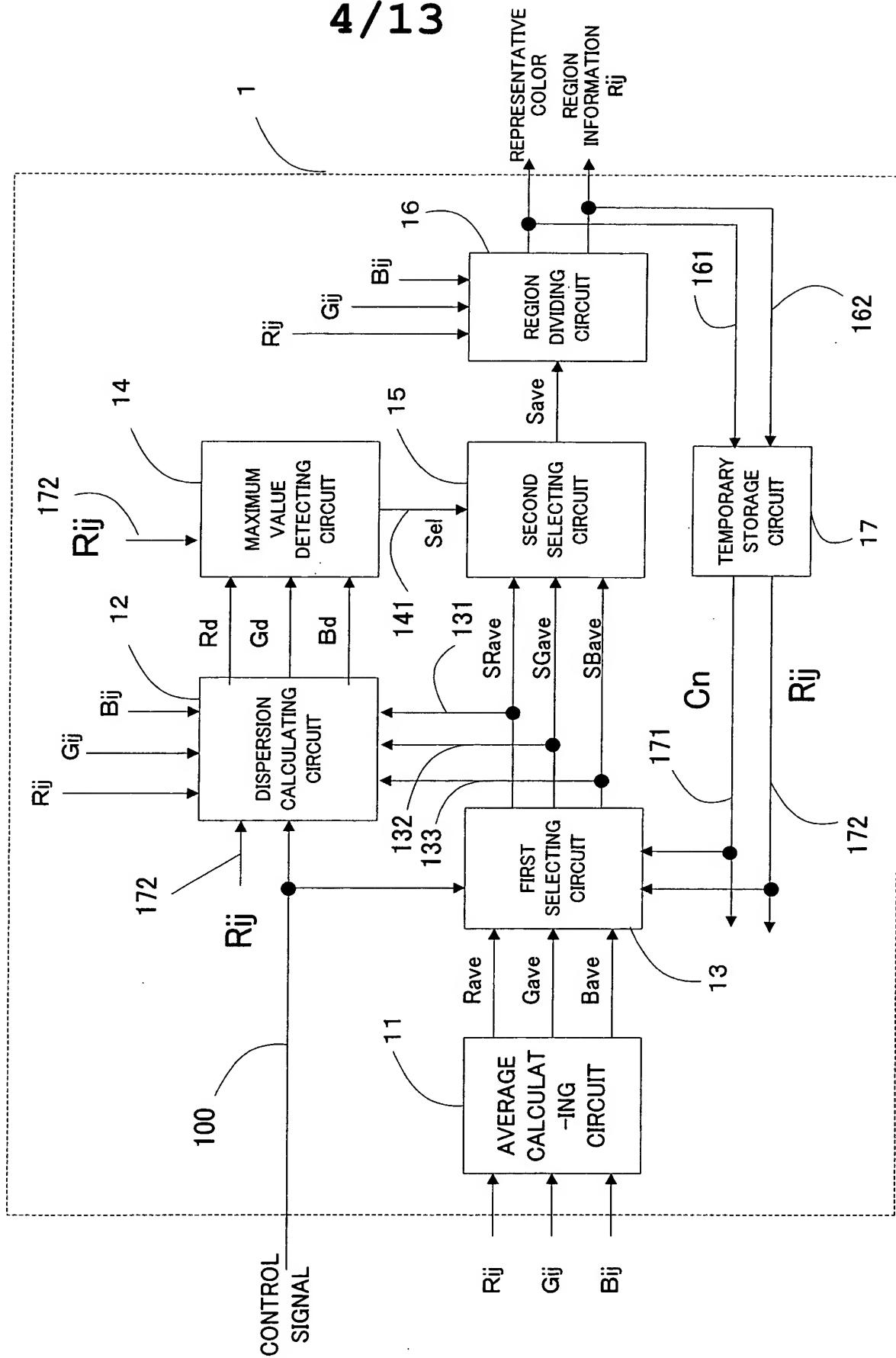


FIG. 4



501

FIG. 5

505

5/13

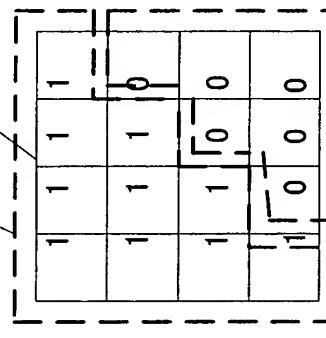
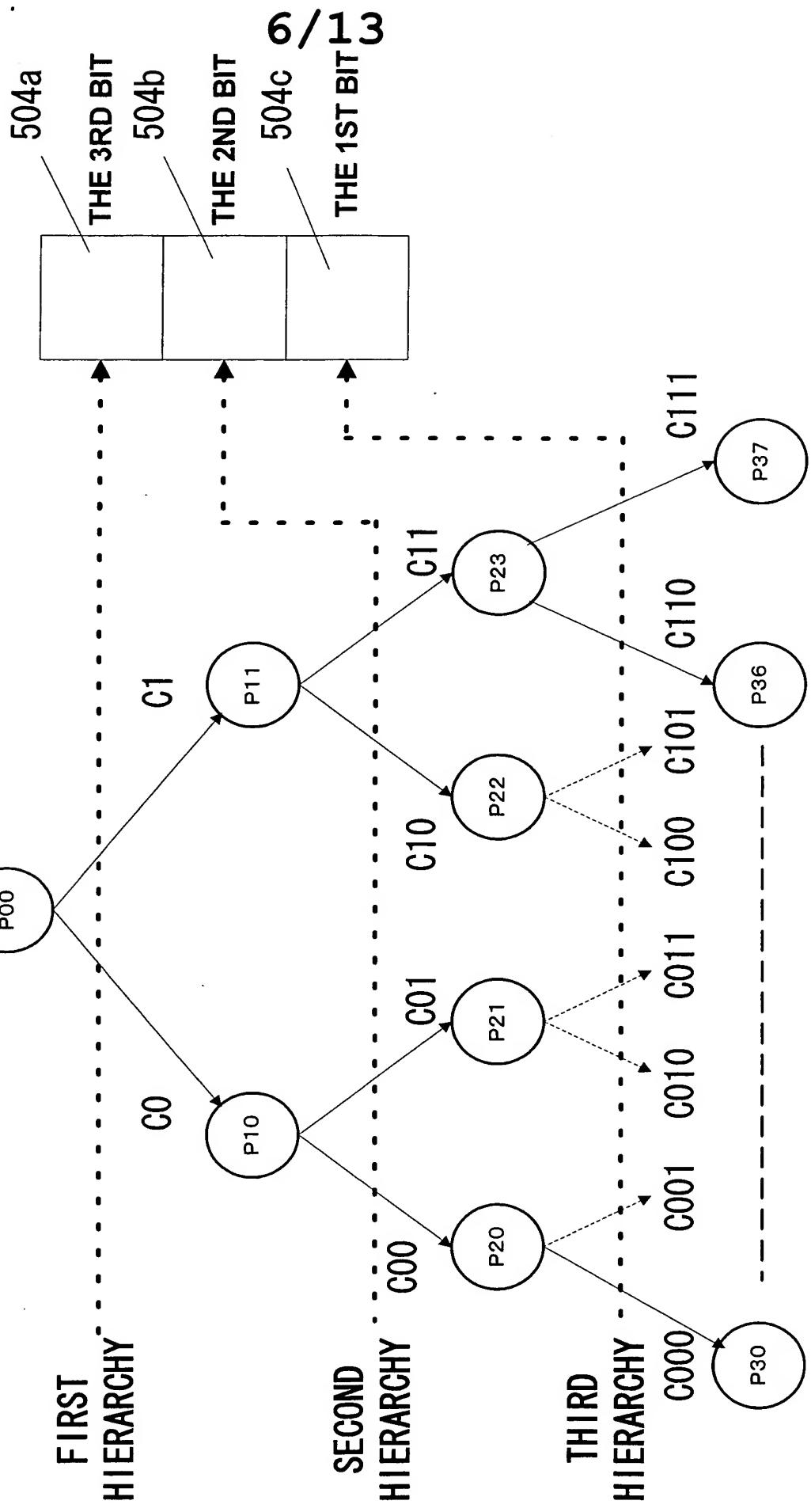
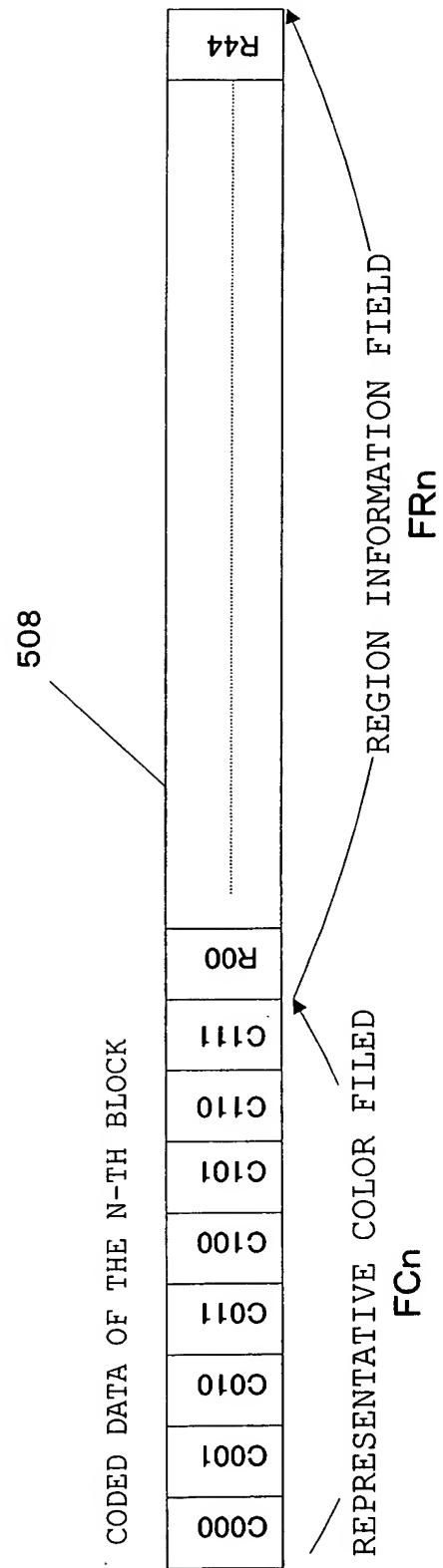
(a) INPUT SIGNAL r_{ij}	(b) AVERAGE	(c) DISPERSION	(d) SELECTED VALUE	(e) REGION INFORMATION R_{ij}	(f) REPRESENTATIVE COLOR C_n																
<table border="1"> <tr><td>14</td><td>15</td><td>13</td><td>12</td></tr> <tr><td>13</td><td>13</td><td>12</td><td>11</td></tr> <tr><td>12</td><td>10</td><td>12</td><td>9</td></tr> <tr><td>12</td><td>11</td><td>10</td><td>8</td></tr> </table>	14	15	13	12	13	13	12	11	12	10	12	9	12	11	10	8					IF $R_{ij} = 1$, $C_{ij} = C_0$.
14	15	13	12																		
13	13	12	11																		
12	10	12	9																		
12	11	10	8																		
				IF $R_{ij} = 0$, $C_{ij} = C_1$.																	
					$C_1 = (R_a, G_a, B_a)$ $R_a = 13$ $G_a = 12$ $B_a = 10$																
				IF $g_{ij} > \text{Save}$, $R_{ij} = 1$.	$C_0 = (R_b, G_b, B_b)$ $R_b = 10$ $G_b = 8$ $B_b = 9$																
				IF $g_{ij} \leq \text{Save}$, $R_{ij} = 0$.	$(\text{WHERE } ij: 1 \sim 4)$																
(a) INPUT SIGNAL g_{ij}	(b) AVERAGE	(c) DISPERSION	(d) SELECTED VALUE	(e) REGION INFORMATION R_{ij}	(f) REPRESENTATIVE COLOR C_n																
<table border="1"> <tr><td>14</td><td>12</td><td>11</td><td>11</td></tr> <tr><td>13</td><td>12</td><td>12</td><td>10</td></tr> <tr><td>12</td><td>11</td><td>8</td><td>9</td></tr> <tr><td>11</td><td>9</td><td>5</td><td>5</td></tr> </table>	14	12	11	11	13	12	12	10	12	11	8	9	11	9	5	5				Save 10.3125	$C_1 = (R_a, G_a, B_a)$ $R_a = 13$ $G_a = 12$ $B_a = 10$
14	12	11	11																		
13	12	12	10																		
12	11	8	9																		
11	9	5	5																		
				Save 10.3125	$C_0 = (R_b, G_b, B_b)$ $R_b = 10$ $G_b = 8$ $B_b = 9$																
				Save 21.375	$(\text{WHERE } ij: 1 \sim 4)$																
(a) INPUT SIGNAL b_{ij}	(b) AVERAGE	(c) DISPERSION	(d) SELECTED VALUE	(e) REGION INFORMATION R_{ij}	(f) REPRESENTATIVE COLOR C_n																
<table border="1"> <tr><td>10</td><td>12</td><td>10</td><td>9</td></tr> <tr><td>12</td><td>12</td><td>9</td><td>7</td></tr> <tr><td>11</td><td>9</td><td>8</td><td>9</td></tr> <tr><td>10</td><td>12</td><td>7</td><td>10</td></tr> </table>	10	12	10	9	12	12	9	7	11	9	8	9	10	12	7	10				Save 9.8125	$(\text{WHERE } ij: 1 \sim 4)$
10	12	10	9																		
12	12	9	7																		
11	9	8	9																		
10	12	7	10																		

FIG. 6

REGION
INFORMATION
 R_{ij}



7 FIG.



8
EIG.

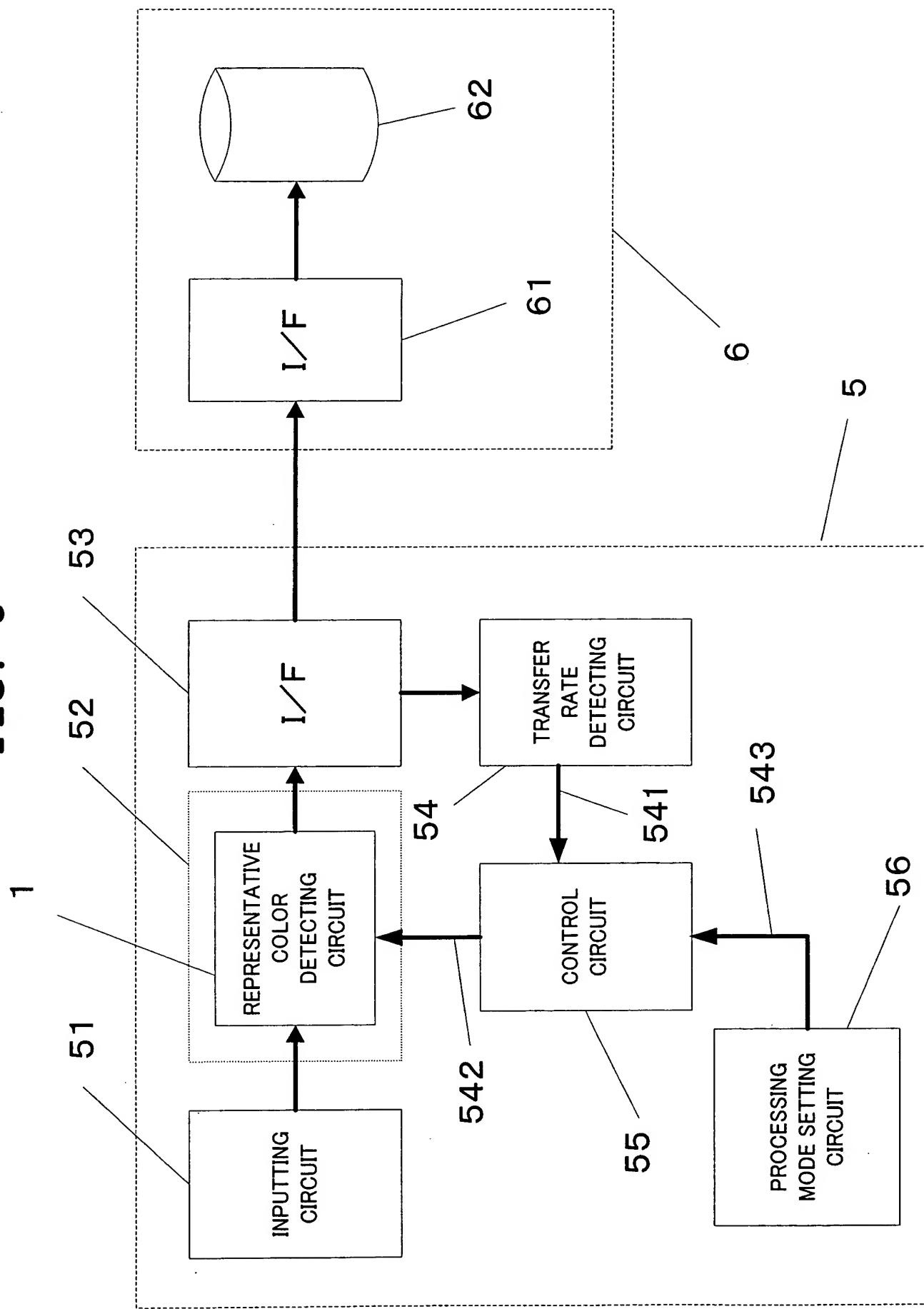


FIG. 9

CONTROL PARAMETER			
PROCESSING MODE	SETTING MODE	COMPRESSION RATIO	SIZE OF SMALL REGION
CHARACTER MODE	1	1/6	4X4
	2	1/3	4X4
PHOTO MODE	3	1/4	8X8
	4	1/6. 4	16X16

FIG. 10

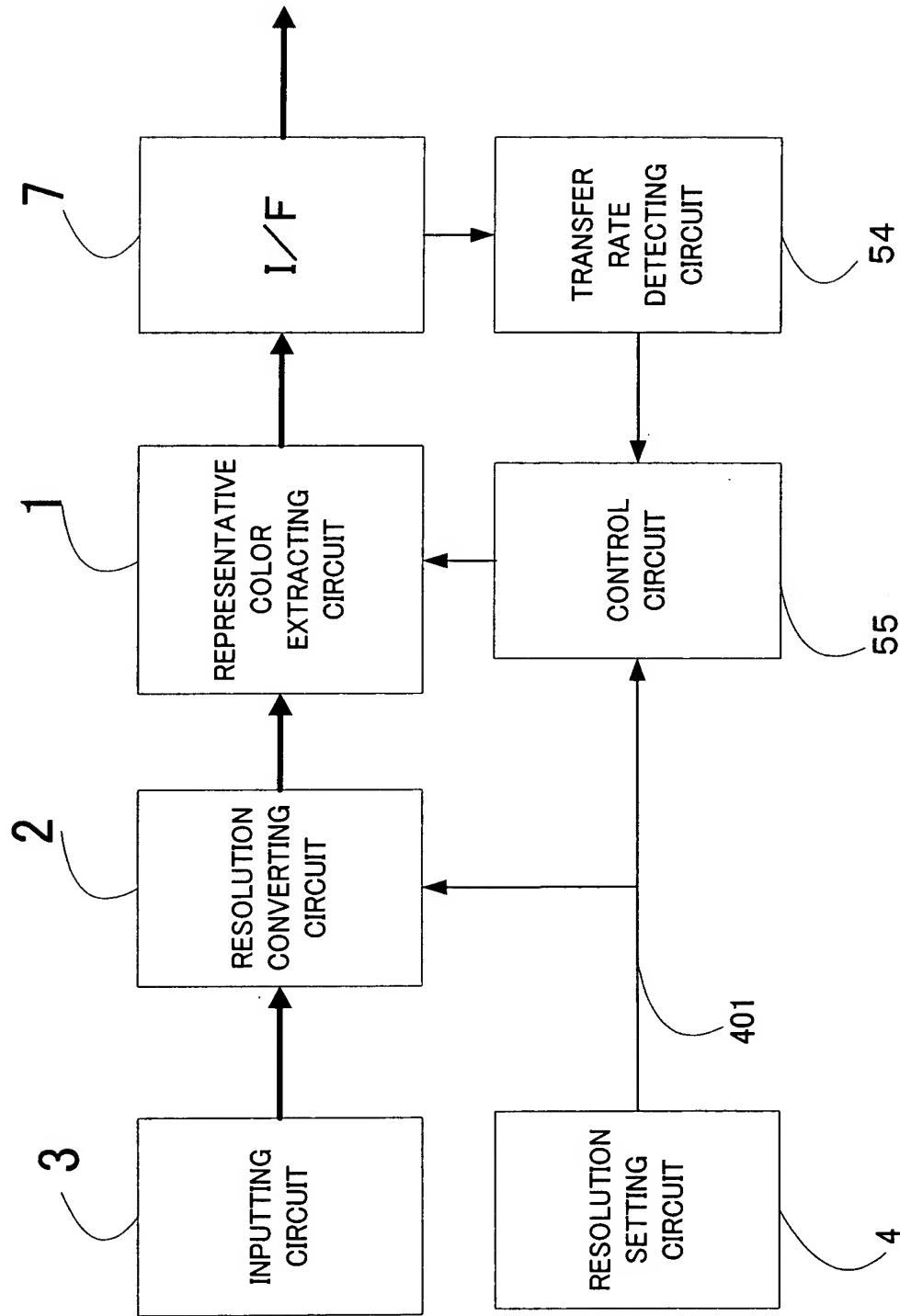
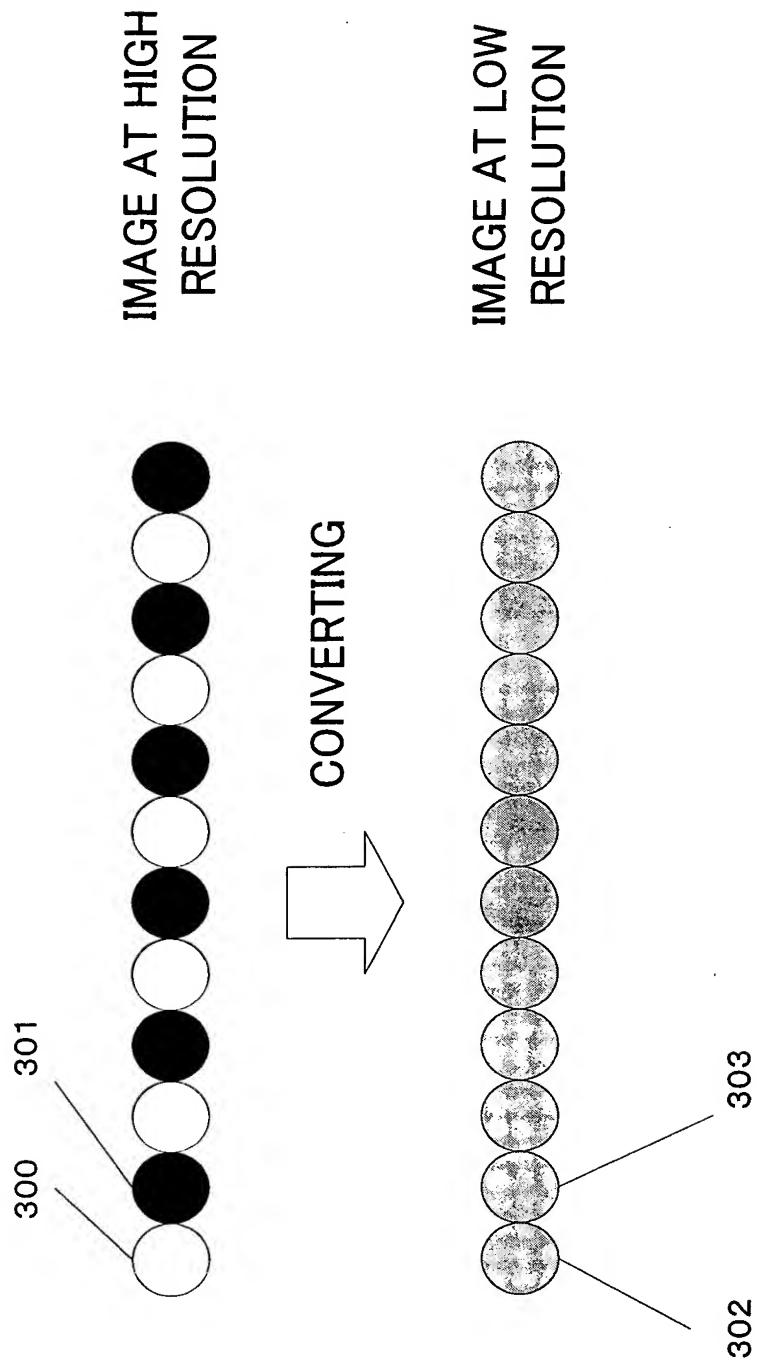
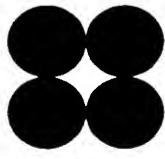


FIG. 11



12/13

FIG. 12 A



REDUCTION

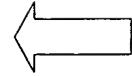
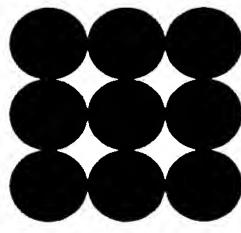


FIG. 12 B



ORIGINAL

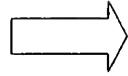
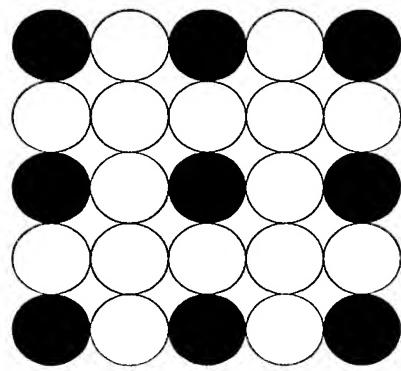


FIG. 12 C



ENLARGEMENT :
DOUBLE

FIG. 13

